FIG.10

NODE NAME	BOOLEAN VARIABLE	0_ NODE AT THE EDGE SIDE	1_ NODE AT THE EDGE SIDE
node_1	inVideo	node_2	node_26
node_2	inDVD	node_3	node_16
node_3	inHDD	Val_0	node_4
node_4	decMPEG	Val_0	node_5
node_5	encMPEG	node_6	Val_0
node_6	outVideo	Val_0	node_7
node_7	outDVD	node_8	Val_0
node_8	outHDD	node_9	Val_0
node_9	inVideo_outVideo	node_10	Val_0
node_10	inVideo_encMPEG	node_11	Val_0
node_11	inDVD_decMPEG	node_12	Val_0
node_12	inHDD_decMPEG	Val_0	node_13
node_13	decMPEG_outVideo	Val_0	node_14
node_14	encMPEG_outDVD	node_15	Val_0
node_15	encMPEG_outHDD	Val_1	Val_0
node_16	inHDD	node_17	Val_0
node_17	decMPEG	Val_0	node_18
node_18	encMPEG	node_19	Val_0
node_19	outVideo	Val_0	node_20
node_20	outDVD	node_21	Val_0
node_21	outHDD	node_22	Val_0
node_22	inVideo_outVideo	node_23	Val_0
node_23	inVideo_encMPEG	node_24	Val_0
node_24	inDVD_decMPEG	Val_0	node_25
node_25	inHDD_decMPEG	node_13	Val_0
node_26	inDVD	node_27	node_87
node_27	inHDD	node_28	node_66
node_28	decMPEG	node_29	Val_0
node_29	encMPEG	node_30	node_38
node_30	outVideo	Val_0	node_31
node_31	outDVD	node_32	Val_0
node_32	outHDD	node_33	Val_0
node_33	inVideo_outVideo	Val_0	node_34
node_34	inVideo_encMPEG	node_35	Val_0
node_35	inDVD_decMPEG	node_36	Val_0

FIG.11

NODE NAME	BOOLEAN VARIABLE	0 _ NODE AT THE EDGE SIDEw	1 _ NODE AT THE EDGE SIDE
node_36	inHDD_decMPEG	node_37	Val_0
node_37	decMPEG_outVideo	node_14	Val_0
node_38	outVideo	node_39	node_60
node_39	outDVD	node_40	node_47
node_40	outHDD	Val_0	node_41
node_41	inVideo_outVideo	node_42	Val_0
node_42	inVideo_encMPEG	Val_0	node_43
node_43	inDVD_decMPEG	node_44	Val_0
node_44	inHDD_decMPEG	node_45	Val_0
node_45	decMPEG_outVideo	node_46	Val_0
node_46	encMPEG_outDVD	node_97	Val_0
node_47	outHDD	node_48	node_54
node_48	inVideo_outVideo	node_49	Val_0
node_49	inVideo_encMPEG	Val_0	node_50
node_50	inDVD_decMPEG	node_51	Val_0
node_51	inHDD_decMPEG	node_52	Val_0
node_52	decMPEG_outVideo	node_53	Val_0
node_53	encMPEG_outDVD	Val_0	node_15
node_54	inVideo_outVideo	node_55	Val_0
node_55	inVideo_encMPEG	Val_0	node_56
node_56	inDVD_decMPEG	node_57	Val_0
node_57	inHDD_decMPEG	node_58	Val_0
node_58	decMPEG_outVideo	node_59	Val_0
node_59	encMPEG_outDVD	Val_0	node_97
node_60	outDVD	node_61	node_63
node_61	outHDD	Val_0	node_62
node_62	inVideo_outVideo	Val_0	node_42
node_63	outHDD	node_64	node_65
node_64	inVideo_outVideo	Val_0	node_49
node_65	inVideo_outVideo	Val_0	node_55
node_66	decMPEG	Val_0	node_67
node_67	encMPEG	Val_0	node_68
node_68	outVideo	Val_0	node_69
node_69	outDVD	node_70	node_76
node_70	outHDD	Val_0	node_71
node_71	inVideo_outVideo	node_72	Val_0

FIG.12

NODE NAME	BOOLEAN VARIABLE	0_ NODE AT THE EDGE SIDE	1_ NODE AT THE EDGE SIDE
node_72	inVideo_encMPEG	Val_0	node_73
node_73	inDVD_decMPEG	node_74	Val_0
node_74	inHDD_decMPEG	Val_0	node_75
node_75	decMPEG_outVideo	Val_0	node_46
node_76	outHDD	node_77	node_82
node_77	inVideo_outVideo	node_78	Val_0
node_78	inVideo_encMPEG	Val_0	node_79
node_79	inDVD_decMPEG	node_80	Val_0
node_80	inHDD_decMPEG	Val_0	node_81
node_81	decMPEG_outVideo	Val_0	node_53
node_82	inVideo_outVideo	node_83	Val_0
node_83	inVideo_encMPEG	Val_0	node_84
node_84	inDVD_decMPEG	node_85	Val_0
node_85	inHDD_decMPEG	Val_0	node_86
node_86	decMPEG_outVideo	Val_0	node_59
node_87	inHDD	node_88	Val_0
node_88	decMPEG	Val_0	node_89
node_89	encMPEG	Val_0	node_90
node_90	outVideo	Val_0	node_91
node_91	outDVD	node_92	Val_0
node_92	outHDD	Val_0	node_93
node_93	inVideo_outVideo	node_94	Val_0
node_94	inVideo_encMPEG	Val_0	node_95
node_95	inDVD_decMPEG	Val_0	node_96
node_96	inHDD_decMPEG	node_75	Val_0
node_97	endMPEG_outHDD	Val_0	Val_1